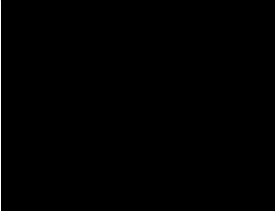


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		05/02/2012		1700																																																			
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :																																																		
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	05/02/2012 0600																																																
		Position:		Operations Section Chief		To:	05/02/2012 1630																																																
7. Personnel Roster Assigned																																																							
Name		ICS Position			DUTY CELL																																																		
Dan Capone		Operations Section Chief																																																					
Joe Victory		Operations Section Chief																																																					
Rex Johnson		Deputy Director																																																					
Dan Zahner		Field Team Lead																																																					
Karen Berez		CBM Team 2																																																					
8. Activity Log																																																							
Activity Area					LAT	LAT																																																	
					Various	Various																																																	
					(DD.MMMM)	(DD.MMMM)																																																	
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>																																																					
		<u>DENSITY OF OIL /SHEEN</u>																																																					
Total Collection Points																																																							
Total Boom Deployed																																																							
Activity		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></p> <p>Karen Berez and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 13.50. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0735- 1530: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions. <p><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></p> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr> <td>MP 2.25 (C 0.0 Launch)</td> <td>63.0</td> <td>57.8</td> <td>3.7</td> </tr> <tr> <td>MP 5.25 (C0.4 Launch)</td> <td>61.7</td> <td>55.0</td> <td>2.6</td> </tr> <tr> <td>MP 10.0 (C3.2 Launch)</td> <td>61.2</td> <td>58.4</td> <td>2.5</td> </tr> <tr> <td>MP 15.0 (C5 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 18.75 (D2 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 21.5 (D5)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 27.0 (E0.5 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 30.0 (E2 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 35.0 (E3 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 38.0 (E4 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>AVERAGE</td> <td>61.97</td> <td>57.07</td> <td></td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	63.0	57.8	3.7	MP 5.25 (C0.4 Launch)	61.7	55.0	2.6	MP 10.0 (C3.2 Launch)	61.2	58.4	2.5	MP 15.0 (C5 Launch)				MP 18.75 (D2 Launch)				MP 21.5 (D5)				MP 27.0 (E0.5 Launch)				MP 30.0 (E2 Launch)				MP 35.0 (E3 Launch)				MP 38.0 (E4 Launch)				AVERAGE	61.97	57.07	
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WEEKLY/AFTER RAIN EVENT INSPECTION:

Talmadge Creek: (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:

MP 0.04: Below Source (Culvert 1):

MP 0.27: Between Source & Division Road (Culvert 2):

MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):

MP 1.09: 16 Mile Road (Culvert 5):

MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7):

MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9):

MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:

Kalamazoo River: Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam): **Very slight silver sheen** observed in collection area and along control point. Area of sheen is 1' x 1' = 1 sq. ft.

MP 8.50 L1 (8.48 LDB): **Very slight silver sheen** observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.

MP 8.50 L3 (8.48 LDB): **No oil and/or sheen** observed within containment.

MP 8.75 R1: **Very slight silver sheen** observed within containment. Area of sheen is 2' x 3' = 6 sq. ft.

MP 9.00 I2 (8.97I): **Very slight silver sheen** observed within containment. Area of sheen is 1' x 1' = sq. ft.

MP 10.75 LDB: **Slight silver sheen** observed within containment. SWAT crew on site installing sediment trap on downstream end of backchannel. Area of sheen is 3' x 10' = 30 sq. ft.

MP 11.75 L2 (11.79 LDB): **No oil and/or sheen** observed within containment.

MP 14.98I:

MP 15.65 (Battle Creek Spillway):

MP 17.00 L1 (Rock Tenn):

MP 21.50 Oxbow:

MP 30.8 LDB:

MP 37.75 (E4):

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:

MP 2.25 to MP 5.90:

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65:

MP 15.65 to MP 18.75:

MP 18.75 to MP 30.00:

MP 30.00 to MP 35.25:

MP 35.25 to MP 37.75:

MP 37.75 to MP 40.00:

Total sheen in control points: **1 sq. ft.**

Total sheen within containment: **38 sq. ft.**

Total Sheen: **39 sq. ft.**

Helicopter Fly-Over Pictures:

Situation Photo Log from Tuesday May 1, 2012.

	<ul style="list-style-type: none">• Photo 13: Moderate amounts of silver sheen and approximately $\frac{1}{16}$" sized oil globules observed in cove area just before railroad trestle.• Photo 20: Location is monitored daily under containment branch site is labeled as MP 8.75 R1. Today very slight silver sheen observed within containment. Area of sheen is 2' x 3' = 6 sq. ft.• Photo 21: Did not visit site. Location is a known submerged oil site.• Photo 23: Sheen observed at location was biological.
Health and Safety Issues	None
Comments	None